

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	15	hierarch\$4 with possible with path same (input)	US-PGPUB; USPAT	OR	ON	2010/12/14 17:33
L2	3	(display or visual\$4) same hierarch\$4 with possible with path same (input)	US-PGPUB; USPAT	OR	ON	2010/12/14 17:51
L3	25	(display or visual\$4) same hierarch\$4 with possible with path	US-PGPUB; USPAT	OR	ON	2010/12/14 17:51
L5	22	I3 not I1	US-PGPUB; USPAT	OR	ON	2010/12/14 17:51
L6	2	(display or visual\$4) same hierarch\$4 with possible with path and (molding or assembly or plant or factory) near3 (line or machine)	US-PGPUB; USPAT	OR	ON	2010/12/14 17:58
L9	1	"20020046009" and possible with path	US-PGPUB; USPAT	OR	ON	2010/12/14 18:13
L10	1	"20020046009" and visual\$4 with path	US-PGPUB; USPAT	OR	ON	2010/12/14 18:13
L11	228	hierarch\$4 with possible with path and interface	US-PGPUB; USPAT	OR	ON	2010/12/14 18:25
L12	0	("GUI" or interface) same hierarch\$4 with possible with path and (molding or assembly or plant or factory) near3 (line or machine)	US-PGPUB; USPAT	OR	ON	2010/12/14 18:26
L13	6	("GUI" or interface)and hierarch\$4 with possible with path and (molding or assembly or plant or factory) near3 (line or machine)	US-PGPUB; USPAT	OR	ON	2010/12/14 18:26
L15	5	("GUI" or interface)and (visual\$8)and hierarch\$4 with possible with path and (molding or assembly or plant or factory) near3 (line or machine)	US-PGPUB; USPAT	OR	ON	2010/12/14 18:27
L16	2	("GUI" or interface)and (visual\$8)same hierarch\$4 with possible with path and (molding or assembly or plant or factory) near3 (line or machine)	US-PGPUB; USPAT	OR	ON	2010/12/14 18:44
L17	0	("GUI" or interface)and (visual\$8)same hierarch\$4 with possible with path and (molding or assembly or plant or factory) near3 (line or machine) and (navigat\$4 with (lines or columns))	US-PGPUB; USPAT	OR	ON	2010/12/14 18:44
L18	0	(visual\$8)same hierarch\$4 with possible with path and (molding or assembly or plant or factory) near3 (line or machine) and (navigat\$4 with (lines or columns))	US-PGPUB; USPAT	OR	ON	2010/12/14 18:44
L19	1	(visual\$8)same hierarch\$4 with possible with path and (molding or assembly or plant or factory) near3 (line or machine) and (interface with (lines or columns))	US-PGPUB; USPAT	OR	ON	2010/12/14 18:45

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L29	0	(visual\$8)same hierarch\$4 with possible with choice and (molding or assembly or plant or factory) near3 (line or machine) and (interface with (lines or columns))	US-PGPUB; USPAT	OR	ON	2010/12/14 18:52
L31	1103	715/771.ccls.	US-PGPUB; USPAT	OR	ON	2010/12/14 19:00
L32	186	715/713.ccls.	US-PGPUB; USPAT	OR	ON	2010/12/14 19:01
L33	1179	715/744.ccls.	US-PGPUB; USPAT	OR	ON	2010/12/14 19:01
L34	8	molding near machine with interface and "715"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2010/12/14 19:02
L35	2	molding near machine with (interface or GUI) with plastic same line	US-PGPUB; USPAT	OR	ON	2010/12/14 19:02
L36	19	hierarch\$4 near3 navigation with button and "715"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2010/12/14 19:02
L37	317	hierarch\$4 with possible with path	US-PGPUB; USPAT	OR	ON	2010/12/14 19:02
L38	0	hierarch\$4 with possible with path same (based with input)	US-PGPUB; USPAT	OR	ON	2010/12/14 19:02
S1	64707	mold\$4 with machine	US-PGPUB; USPAT	OR	ON	2009/06/23 15:10
S2	564	mold\$4 with machine with interface	US-PGPUB; USPAT	OR	ON	2009/06/23 15:11
S3	348	mold\$4 near3 machine with interface	US-PGPUB; USPAT	OR	ON	2009/06/23 15:11
S4	321	mold\$4 near machine with interface	US-PGPUB; USPAT	OR	ON	2009/06/23 15:11
S5	322	molding near machine with interface	US-PGPUB; USPAT	OR	ON	2009/06/23 15:11
S6	6	molding near machine with interface and "715"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2009/06/23 15:11
S7	59	molding near machine with interface same plastic	US-PGPUB; USPAT	OR	ON	2009/06/23 15:11
S9	0	molding near machine with interface with plastic and "715"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2009/06/23 15:12
S10	1	"10562987"	US-PGPUB; USPAT	OR	ON	2009/06/23 15:14
S11	2	molding near machine with (interface or GUI) with plastic same line	US-PGPUB; USPAT	OR	ON	2009/09/17 16:58
S12	26	molding near machine with (interface or GUI) with plastic and column	US-PGPUB; USPAT	OR	ON	2009/09/17 17:12
S13	547	hierarch\$4 with menu with button	US-PGPUB; USPAT	OR	ON	2009/10/01 04:42
S14	140	hierarch\$4 with menu with button and "715"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2009/10/01 04:43

## EAST Search History (Prior Art)

S15	733	715/771.ccls.	US-PGPUB; USPAT	OR	ON	2009/10/01 04:46
S16	44	molding near machine with interface with plastic	US-PGPUB; USPAT	OR	ON	2009/10/01 04:48
S17	10	hierarch\$4 near3 navigation with button and "715"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2009/10/01 05:13
S18	1	molding near machine with interface with alarm	US-PGPUB; USPAT	OR	ON	2009/10/01 06:00
S19	1	"6240410".pn.	US-PGPUB; USPAT	OR	ON	2010/03/24 14:01
S20	1	"6883143".pn.	US-PGPUB; USPAT	OR	ON	2010/05/05 16:28
S21	1	"4,674,053".pn.	US-PGPUB; USPAT	OR	ON	2010/05/05 20:22
S22	1	"4674053".pn.	US-PGPUB; USPAT	OR	ON	2010/05/05 20:22
S23	42	dasgupta.xa.	US-PGPUB; USPAT	OR	ON	2010/12/14 14:18
S24	0	mold\$4 with machine same navigat\$4 and hierarch\$4 with possible with path	US-PGPUB; USPAT	OR	ON	2010/12/14 14:23
S25	317	hierarch\$4 with possible with path	US-PGPUB; USPAT	OR	ON	2010/12/14 14:23
S26	0	hierarch\$4 with possible with path same (based with input)	US-PGPUB; USPAT	OR	ON	2010/12/14 14:24

## EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L20	0	(visual\$8)same hierarch\$4 with possible with path and (molding or assembly or plant or factory) near3 (line or machine) and (interface with (lines or columns))	USPAT; UPAD	OR	ON	2010/12/14 18:45
L21	0	(visual\$8)same hierarch\$4 with possible with path and (molding or assembly or plant or factory) near3 (line or machine) and (navigat\$4 with (lines or columns))	USPAT; UPAD	OR	ON	2010/12/14 18:45
L22	0	("GUI" or interface)and (visual\$8)same hierarch\$4 with possible with path and (molding or assembly or plant or factory) near3 (line or machine) and (navigat\$4 with (lines or columns))	USPAT; UPAD	OR	ON	2010/12/14 18:45
L23	0	("GUI" or interface)and (visual\$8)same hierarch\$4 with possible with path and (molding or assembly or plant or factory) near3 (line or machine)	USPAT; UPAD	OR	ON	2010/12/14 18:46

## EAST Search History (Interference)

L24	1	("GUI" or interface)and (visual\$8)and hierarch\$4 with possible with path and (molding or assembly or plant or factory) near3 (line or machine)	USPAT; UPAD	OR	ON	2010/12/14 18:46
L25	1	("GUI" or interface)and hierarch\$4 with possible with path and (molding or assembly or plant or factory) near3 (line or machine)	USPAT; UPAD	OR	ON	2010/12/14 18:50
L26	0	(display or visual\$4) same hierarch\$4 with possible with path and (molding or assembly or plant or factory) near3 (line or machine)	USPAT; UPAD	OR	ON	2010/12/14 18:50
L27	0	(display or visual\$4) same hierarch\$4 with possible with path same (input)	USPAT; UPAD	OR	ON	2010/12/14 18:51
L28	13	(display or visual\$4) same hierarch\$4 with possible with path	USPAT; UPAD	OR	ON	2010/12/14 18:51
L30	0	(visual\$8)same hierarch\$4 with possible with choice and (molding or assembly or plant or factory) near3 (line or machine) and (interface with (lines or columns))	USPAT; UPAD	OR	ON	2010/12/14 18:52
L41	466	715/771.ccls.	USPAT; UPAD	OR	ON	2010/12/14 19:03
L42	104	715/713.ccls.	USPAT; UPAD	OR	ON	2010/12/14 19:03
L43	759	715/744.ccls.	USPAT; UPAD	OR	ON	2010/12/14 19:03
L44	0	(l41 or l42 or l43) and (l24 or l25 or l28)	USPAT; UPAD	OR	ON	2010/12/14 19:04